

District of Columbia High-Demand Sectors and Occupations List - Tables by Sector and Occupations

The WIC has designated five sectors as “high-demand” - Business Administration and Information Technology, Construction, Healthcare, Hospitality, Security and Law, and Infrastructure; and designated 86 “high-demand” occupations within those sectors, which account for the majority of all average annual openings in each area (see full District of Columbia High-Demand Sectors and Occupations List report for additional details). These occupations are grouped by sector, skill level (Job Zone category), and occupational grouping in the tables that follow; and in some cases workforce programming may be targeted at multiple related occupations in the same grouping. Data presented is for the District of Columbia only.

Business and Information Technology

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Information and Record Clerks (43-4000)	873	26,761				
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Customer Service Representatives (43-4051)	300	6,896	High school diploma or equivalent	None	Short-term on-the-job training	\$17.21
Receptionists and Information Clerks (43-4171)	245	7,218	High school diploma or equivalent	None	Short-term on-the-job training	\$16.71
Information and Record Clerks, All Other (43-4199)	190	8,495	High school diploma or equivalent	None	Short-term on-the-job training	\$25.02
Library Assistants, Clerical (43-4121)	54	979	High school diploma or equivalent	None	Short-term on-the-job training	\$21.36
File Clerks (43-4071)	22	807	High school diploma or equivalent	None	Short-term on-the-job training	\$19.16
Interviewers, Except Eligibility and Loan (43-4111)	12	468	High school diploma or equivalent	None	Short-term on-the-job training	\$14.91
<u>Middle Skill (Job Zone 3)</u>						
Human Resources Assistants, Except Payroll and Timekeeping (43-4161)	42	1,609	High school diploma or equivalent	None	Short-term on-the-job training	\$23.00
Occupational Group – Business Operations Specialists (13-1000)	556	39,821				
<u>Middle Skill (Job Zone 3)</u>						
Business Operations Specialists, All Other (13-1199)	556	39,821	High school diploma or equivalent	None	None	\$40.85

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Other Office and Administrative Support Workers (43-9000)	504	19,768				
Entry-Intermediate Skill (Job Zones 1-2)						
Office Clerks, General (43-9061)	364	12,015	High school diploma or equivalent	None	Short-term on-the-job training	\$18.21
Office and Administrative Support Workers, All Other (43-9199)	74	2,656	High school diploma or equivalent	None	Short-term on-the-job training	\$16.71
Mail Clerks and Mail Machine Operators, Except Postal Service (43-9051)	27	1,147	High school diploma or equivalent	None	Short-term on-the-job training	\$19.22
Word Processors and Typists (43-9022)	13	2,369	High school diploma or equivalent	None	Short-term on-the-job training	\$19.38
Data Entry Keyers (43-9021)	13	1,044	High school diploma or equivalent	None	Moderate-term on-the-job training	\$19.54
Office Machine Operators, Except Computer (43-9071)	13	537	High school diploma or equivalent	None	Short-term on-the-job training	\$18.86
Occupational Group – Secretaries and Administrative Assistants (43-6000)	479	24,389				
Middle Skill (Job Zone 3)						
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive (43-6014)	266	10,513	High school diploma or equivalent	None	Short-term on-the-job training	\$22.10
Executive Secretaries and Executive Administrative Assistants (43-6011)	213	13,876	High school diploma or equivalent	Less than 5 years	None	\$26.42
Occupational Group – Supervisors of Office and Administrative Support Workers (43-1000)	200	5,193				
Middle Skill (Job Zone 3)						
First-Line Supervisors of Office and Administrative Support Workers (43-1011)	200	5,193	High school diploma or equivalent	Less than 5 years	None	\$30.55

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Computer Occupations (15-1000)	186	4,661				
<u>Middle Skill (Job Zone 3)</u>						
Computer User Support Specialists (15-1151)	186	4,661	Some college, no degree	None	Moderate-term on-the-job training	\$30.46
Occupational Group – Financial Clerks (43-3000)	155	6,121				
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Payroll and Timekeeping Clerks (43-3051)	26	751	High school diploma or equivalent	None	Moderate-term on-the-job training	\$25.70
<u>Middle Skill (Job Zone 3)</u>						
Bookkeeping, Accounting, and Auditing Clerks (43-3031)	115	4,996	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.31
Procurement Clerks (43-3061)	14	374	High school diploma or equivalent	None	Moderate-term on-the-job training	\$23.74
Occupational Group – Material Recording, Scheduling, Dispatching, and Distributing Workers (43-5000)	134	4,929				
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Stock Clerks and Order Fillers (43-5081)	67	2,184	Less than high school	None	Short-term on-the-job training	\$15.71
Postal Service Mail Carriers (43-5052)	30	837	High school diploma or equivalent	None	Short-term on-the-job training	\$27.16
Shipping, Receiving, and Traffic Clerks (43-5071)	28	1,047	High school diploma or equivalent	None	Short-term on-the-job training	\$22.65

Construction

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Construction Trades Workers¹ (47-2000)	230	9,865				
Entry-Intermediate Skill (Job Zones 1-2)						
Construction Laborers (47-2061)	73	2,302	Less than high school	None	Short-term on-the-job training	\$18.38
Carpenters (47-2031)	30	1,281	High school diploma or equivalent	None	Apprenticeship	\$23.14
Painters, Construction and Maintenance (47-2141)	12	687	Less than high school	None	Moderate-term on-the-job training	\$24.86
Cement Masons and Concrete Finishers (47-2051)	12	600	Less than high school	None	Moderate-term on-the-job training	\$21.76
Operating Engineers and Other Construction Equipment Operators (47-2073)	9	280	High school diploma or equivalent	None	Moderate-term on-the-job training	\$26.03
Sheet Metal Workers (47-2211)	7	356	High school diploma or equivalent	None	Apprenticeship	\$25.83
Reinforcing Iron and Rebar Workers (47-2171)	6	282	High school diploma or equivalent	None	Apprenticeship	\$22.25
Paving, Surfacing, and Tamping Equipment Operators (47-2071)	4	166	High school diploma or equivalent	None	Moderate-term on-the-job training	\$25.72
Structural Iron and Steel Workers (47-2221)	3	92	High school diploma or equivalent	None	Apprenticeship	\$23.35
Brickmasons and Blockmasons (47-2021)	3	216	High school diploma or equivalent	None	Apprenticeship	\$25.98
Insulation Workers, Mechanical (47-2132)	2	82	High school diploma or	None	Apprenticeship	\$31.31
Drywall and Ceiling Tile Installers (47-2081)	2	185	Less than high school	None	Long-term on-the-job	\$18.32
Plasterers and Stucco Masons (47-2161)	1	110	Less than high school	None	Moderate-term on-the-job	\$18.05

¹ Criteria used to identify detailed occupations within the Construction Career Pathway in the Construction sector (Construction Trades Workers occupational group in this table) are different than for other occupational groups in these tables, with a lower bar for inclusion used due to additional demand not captured in data through First Source and apprenticeship requirements. See methodology section in detailed document version for additional details.

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Construction Trades Workers (cont.) (47-2000)	230	9,865				
<u>Middle Skill (Job Zone 3)</u>						
Electricians (47-2111)	36	1,663	High school diploma or equivalent	None	Apprenticeship	\$29.66
Plumbers, Pipefitters, and Steamfitters (47-2152)	24	1,371	High school diploma or equivalent	None	Apprenticeship	\$29.67
Occupational Group - Other Installation, Maintenance, and Repair Occupations (49-9000)	182	5,603				
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Helpers--Installation, Maintenance, and Repair Worker (49-9098)	16	280	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.28
<u>Middle Skill (Job Zone 3)</u>						
Maintenance and Repair Workers, General (49-9071)	121	4,011	High school diploma or equivalent	None	Long-term on –the-job training	\$22.55

Healthcare

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Nursing, Psychiatric, and Home Health Aides (31-1000)	598	11,447				
Entry-Intermediate Skill (Job Zones 1-2)						
Home Health Aides (31-1011)	305	4,100	Less than high school	None	Short-term on-the-job training	\$11.02
Nursing Assistants (31-1014)	159	3,690	Postsecondary non-degree award	None	None	\$13.71
Orderlies (31-1015)	124	3,279	High school diploma or equivalent	None	Short-term on-the-job training	\$14.96
Occupational Group – Health Technologists and Technicians (29-2000)	302	8,510				
Middle Skill (Job Zone 3)						
Licensed Practical and Licensed Vocational Nurses (29-2061)	85	1,937	Postsecondary non-degree award	None	None	\$23.96
Emergency Medical Technicians and Paramedics (29-2041)	36	1,071	Postsecondary non-degree award	None	None	\$25.21
Dental Hygienists (29-2021)	30	530	Associate's degree	None	None	\$49.14
Medical and Clinical Laboratory Technicians (29-2012)	29	716	Associate's degree	None	None	\$21.97
Surgical Technologists (29-2055)	25	634	Postsecondary non-degree award	None	None	\$22.39
Medical Records and Health Information Technicians (29-2071)	23	588	Postsecondary non-degree award	None	None	(blank)
Radiologic Technologists (29-2034)	22	843	Associate's degree	None	None	\$32.62
Pharmacy Technicians (29-2052)	16	742	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.56
Health Technologists and Technicians, All Other (29-2099)	10	377	High school diploma or equivalent	None	None	\$22.85

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Other Healthcare Support Occupations (31-9000)	118	3,549				
<u>Middle Skill (Job Zone 3)</u>						
Medical Assistants (31-9092)	53	1,620	Postsecondary non-degree award	None	None	\$18.22
Healthcare Support Workers, All Other (31-9099)	29	906	High school diploma or equivalent	None	None	\$19.35
Dental Assistants (31-9091)	19	487	Postsecondary non-degree award	None	None	\$19.08
Occupational Group – Secretaries and Administrative Assistants (43-6000)	44	1,194				
<u>Middle Skill (Job Zone 3)</u>						
Medical Secretaries (43-6013)	44	1,194	High school diploma or equivalent	None	Moderate-term on-the-job training	17.47

Hospitality

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Occupational Group – Food and Beverage Serving Workers (35-3000)	1,155	23,381				
Waiters and Waitresses (35-3031)	505	9,792	Less than high school	None	Short-term on-the-job training	\$9.13
Combined Food Preparation and Serving Workers, Including Fast Food (35-3021)	370	7,657	Less than high school	None	Short-term on-the-job training	\$10.62
Bartenders (35-3011)	138	2,875	Less than high school	None	Short-term on-the-job training	\$9.34
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop (35-3022)	73	1,256	Less than high school	None	Short-term on-the-job training	\$9.35
Food Servers, Nonrestaurant (35-3041)	69	1,801	Less than high school	None	Short-term on-the-job training	\$12.23
Occupational Group – Building Cleaning and Pest Control Workers (37-2000)						
860	23,517					
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Maids and Housekeeping Cleaners (37-2012)	336	9,554	Less than high school	None	Short-term on-the-job training	\$16.22
Janitors and Cleaners, Except Maids and Housekeeping Cleaners (37-2011)	524	13,962	Less than high school	None	Short-term on-the-job training	\$13.71

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Other Food Preparation and Serving Related Workers (35-9000)	565	10,247				
Entry-Intermediate Skill (Job Zones 1-2)						
Dining Room and Cafeteria Attendants and Bartender Helpers (35-9011)	215	4,354	Less than high school	None	Short-term on-the-job training	\$9.23
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop (35-9031)	174	2,347	Less than high school	None	None	\$10.93
Dishwashers (35-9021)	169	3,425	Less than high school	None	Short-term on-the-job training	\$10.14
Occupational Group – Cooks and Food Preparation Workers (35-2000)						
	393	12,724				
Entry-Intermediate Skill (Job Zones 1-2)						
Cooks, Restaurant (35-2014)	183	5,581	Less than high school	Less than 5 years	Moderate-term on-the-job training	\$13.74
Food Preparation Workers (35-9099)	115	3,292	Less than high school	None	Short-term on-the-job training	\$10.16
Cooks, Institution and Cafeteria (35-2012)	48	1,436	Less than high school	None	Short-term on-the-job training	\$14.32
Cooks, Short Order (35-2015)	17	872	Less than high school	None	Short-term on-the-job training	\$11.18
Cooks, Fast Food (35-2011)	26	1,421	Less than high school	None	Short-term on-the-job training	\$9.16

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Supervisors of Food Preparation and Serving Workers (35-1000)	160	5,178				
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	117	2,841	High school diploma or equivalent	Less than 5 years	None	\$19.19
<u>Middle Skill (Job Zone 3)</u>						
Chefs and Head Cooks (35-1011)	43	2,337	High school diploma or equivalent	5 years or more	None	\$27.38
Occupational Group – Information and Record Clerks (43-4000)						
86	1,544					
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Hotel, Motel, and Resort Desk Clerks (43-4081)	78	933	High school diploma or equivalent	None	Short-term on-the-job training	\$15.59
Occupational Group – Supervisors of Building and Grounds Cleaning and Maintenance Workers (35-1000)						
75	2,065					
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
First-Line Supervisors of Housekeeping and Janitorial Workers (35-1012)	75	2,065	High school diploma or equivalent	Less than 5 years	None	\$19.12

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Entertainment Attendants and Related Workers (39-3000)	75	913				
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Ushers, Lobby Attendants, and Ticket Takers (39-3031)	54	650	Less than high school	None	Short-term on-the-job training	\$9.31
Amusement and Recreation Attendants (39-3091)	17	242	Less than high school	None	Short-term on-the-job training	\$9.29

Security and Law

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Other Protective Service Workers (33-9000)	738	14,879				
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
Security Guards (33-9032)	702	14,276	High school diploma or equivalent	None	Short-term on-the-job training	\$15.91
Protective Service Workers, All Other (33-9099)	10	137	High school diploma or equivalent	None	Short-term on-the-job training	\$16.45
<u>Middle Skill (Job Zone 3)</u>						
Private Detectives and Investigators (33-9021)	22	323	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$21.43
Occupational Group – Law Enforcement Workers (33-3000)						
<u>Middle Skill (Job Zone 3)</u>						
Police and Sheriff's Patrol Officers (33-3051)	166	5,148	High school diploma or equivalent	None	Moderate-term on-the-job training	\$32.92
Correctional Officers and Jailers (33-3012)	47	1,307	High school diploma or equivalent	None	Moderate-term on-the-job training	\$22.98
Occupational Group – Secretaries and Administrative Assistants (43-6000)						
<u>Middle Skill (Job Zone 3)</u>						
Legal Secretaries (43-6012)	82	5,794	High school diploma or equivalent	None	Moderate-term on-the-job training	\$34.51

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Supervisors of Protective Service Workers (33-1000)	75	2,303				
<u>Entry-Intermediate Skill (Job Zones 1-2)</u>						
First-Line Supervisors of Protective Service Workers, All Other (33-1099)	20	550	High school diploma or equivalent	Less than 5 years	None	\$25.23
<u>Middle Skill (Job Zone 3)</u>						
First-Line Supervisors of Police and Detectives (33-1012)	47	1546	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$57.08

Infrastructure**Utilities**

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Entry-Intermediate Skill (Job Zones 1-2)						
Rough Carpenters (47-2031.02)	40	2,553	High School Diploma	Less than 5 years	Short-term on-the-job training	\$20.42
Solar Photovoltaic Installers (47-2231)	338	7406	High School Diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$19.42
Meter Readers, Utility (43-5041)	10	278	High School Diploma	Less than 5 years	Short-term on-the-job training OR Apprenticeship	\$22.04
Inspectors, Tester, Sorters, Samplers, and Weighs (51-9061)	147	2,984	High School Diploma	Less than 5 years	Short-term on-the-job training OR Apprenticeship	\$23.73
Pest Control Workers (37-2021)	81	1,350	High School Diploma	Less than 5 years	Short-term on-the-job training OR Apprenticeship	\$18.08
Middle Skill (Job Zone 3)						
Electricians (47-2111)	306	12,378	High School Diploma or equivalent	Less than 5 years	Moderate-term on-the-job training OR Apprenticeship	\$27.58
Security and Fire Alarm System Installers (49-2098)	159	2,551	High School Diploma or equivalent	Less than 5 years	Short-term on-the-job training OR Apprenticeship	\$22.19
Maintenance and Repair Workers, General (49-9071)	1027	24,606	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training OR Apprenticeship	\$22.00
Heating, Air conditioning, and Refrigeration Mechanics and Installers (49-9021)	202	6,415	Postsecondary non-degree award	Less than 5 years	Moderate-term on-the-job training OR Apprenticeship	\$29.08

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average annual openings	Total number of jobs	Typical education needed for entry	Work experience needed in a related occupation	Typical on-the-job training needed to attain competency	Hourly median wage
Occupational Group – Automotive Services Technicians and Mechanics (49-3023)	502	13,298				
<u>Middle Skill (Job Zone 3)</u>						
Automotive Specialty Technicians (49-3023.02)	10	440	Training in vocational schools, related on-the-job experience, or an associate's degree	Less than 5 years	Moderate-term on-the-job training OR Apprenticeship	\$27.58
Automotive Master Mechanics (49-3023.01)	10	450	Training in vocational schools, related on-the-job experience, or an associate's degree	Less than 5 years	Moderate-term on-the-job training OR Apprenticeship	\$18.20

Transportation/Logistics

Occupational Groups and Detailed Occupations (3-digit and 6-digit SOC Codes)	Average Annual opening	Total number of jobs	Typical Education needed for entry	Work experience needed in a related occupation	Typical-on-the-job training needed to attain competency	Hourly Median Wage
Entry-Intermediate Skill (Job Zones 1-2)						
Light Truck or Delivery Services Drivers (53-3033)	393	14,872	High School Diploma	Some previous work-related skill, knowledge, or experience	Short-term on-the-job training OR Apprenticeship	\$18.66
Laborers and Freight, Stock, and Material Movers, Hand (53-7062)	1,017	25,490	High School Diploma	Some previous work-related skill, knowledge, or experience	Short-term on-the-job training OR Apprenticeship	\$14.10
Retail Salespersons (41-2031)	3,605	82,224	High School Diploma	Some previous work-related skill, knowledge, or experience	Short-term on-the-job training	\$13.63
Customer Service Representatives (43-4051)	1,676	40,739	High School Diploma	Some previous work-related skill, knowledge or experience	Short-term on-the-job training	\$19.86
Maintenance and Repair Workers, General (49-9071)	1027	24,606	Training in vocational schools, related on-the-job experience, or an associate's degree	Previous work-related skill, knowledge, or experience	Moderate-term on-the-job training	\$22.00
Bus Drivers, Transit and Intercity (53-3021)	318	5,214	High School Diploma	Previous work-related skill, knowledge, or experience	Short-term on-the-job training	\$20.09
Stock Clerk- Stockroom, Warehouse, or Storage Yard (43-5081.03)	1,612	34,343	High School Diploma	Some previous work-related skill, knowledge, or experience	Short-term on-the-job training	\$14.22
Middle Skill (Job Zone 3)						
Merchandise Displayers and Window Trimmers (27-1026)	48	1,442	Training in vocational schools, related on-the-job experience, or an associate's degree	Previous work-related skill, knowledge, or experience	Moderate-term on-the-job training OR Apprenticeship	\$18.28
Bus and Truck Mechanics and Diesel engine Specialists (49-3031)	0	100	Training in vocational schools, related on-the-job experience, or an associate's degree	Previous work-related skill, knowledge, or experience	Moderate-term on-the-job training OR Apprenticeship	\$25.48